

## CLAIMS:

1. An electrophoretic display panel, for displaying a picture and a subsequent picture, comprising:

- a first and a second opposed substrate;
- an electrophoretic medium between the substrates, the electrophoretic medium comprising
- 5 first charged particles having a first color;
- a plurality of pixels;

- a first, a second and a third electrode associated with each pixel; and  
- drive means, being able to control a first, a second and a third potential on the first, the second and the third electrode, respectively, to have picture potential values for displaying  
10 the picture, subsequently to have interval potential values before having subsequent picture potential values for displaying the subsequent picture, characterized in that

the drive means are able to apply reset potential values to the electrodes as the interval potential values for bringing the charged particles into a predetermined reset position  
15 between displaying the picture and displaying the subsequent picture.

2. A display panel as claimed in claim 1, characterized in that the first substrate comprises for each pixel the first electrode, and the second substrate comprises for each pixel the second and the third electrode.

3. A display panel as claimed in claim 1, characterized in that the reset potential values are opposite to the picture potential values and the drive means are able to apply the reset potential values for a same duration as the picture potential values, before applying the subsequent picture potential values.

4. A display panel as claimed in claim 1, characterized in that the predetermined reset position is an extreme position, the reset potential values are opposite to the picture potential values and the drive means are able to apply the reset potential values for at least a

same duration as the picture potential values, before applying the subsequent picture potential values.

5. A display panel as claimed in claim 1, characterized in that the first charged  
5 particles consist of one of negatively charged particles and positively charged particles, and the drive means are able to apply the reset potential values to the electrodes for bringing the charged particles into the predetermined reset position, which is associated with the first electrode.

10 6. A display panel as claimed in claim 1, characterized in that the first charged particles consist of one of negatively charged particles and positively charged particles, and for each pixel a fourth electrode is present distant from the second substrate, and being able to receive a fourth potential from the drive means for bringing the charged particles into the predetermined reset position, which is associated with the fourth electrode.

15 7. A display panel as claimed in claim 1 characterized in that the first charged particles are negatively charged, the electrophoretic medium further comprises second charged particles having a second color and a positive charge, and for each pixel a fourth and a fifth electrode are present distant from the second substrate and able to receive a fourth and  
20 a fifth potential, respectively from the drive means for bringing the charged particles into the predetermined reset position, which is associated with the fourth and the fifth electrode, respectively.